FS   GRANTED
EXNAM   Primary Examiner: Riley, Jezia
LREP   McDermott, Will & Emery
CLMN   Number of Claims: 47
ECL   Exemplary Claim: 1
DRWN   0 Drawing Figure(s); 0 Drawing Page(s)
LN.CNT 1575
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB   The present invention relates to vancomycin analogs in which the
        vancosamine residue is substituted with a lipid-like substituent that
        includes a first aryl moiety and a second aryl moiety joined together by
        a flexible linker moiety, that is not a single bond directly joining the
        first aryl moiety and the second aryl moiety, and a glucose C-6
        substituent modified to be other than the naturally occurring hydroxyl
        group, or pharmaceutically acceptable salts thereof.

=> d his

        (FILE 'HOME' ENTERED AT 10:43:53 ON 30 AUG 2007)

        FILE 'REGISTRY' ENTERED AT 10:47:39 ON 30 AUG 2007
L1   0 S VANCOMYCIN/CRN
L2   1 S VANCOMYCIN/CN
L3   65 S 1404-90-6/CRN

        FILE 'CASREACT' ENTERED AT 10:50:37 ON 30 AUG 2007
L4   22 S 1404-90-6/RRT
L5   2 S L4 AND SULFONYL HALIDE/FG.RXN
L6   4 S L4 AND (VANCOMYCIN ANALOG OR VANCOMYCIN ANALOUGE)

        FILE 'REGISTRY' ENTERED AT 11:04:25 ON 30 AUG 2007
L7   0 S MESITLENESULFONYL CHLORIDE/CN
L8   0 S MESITYLENESULFONYLCHLORIDE/CN
L9   1 S MESITYLENESULFONYL CHLORIDE/CN

        FILE 'CASREACT' ENTERED AT 11:05:32 ON 30 AUG 2007
L10   244 S 773-64-8/RRT
L11   1 S L10 AND L3

        FILE 'REGISTRY' ENTERED AT 11:10:49 ON 30 AUG 2007
L12   STRUCTURE UPLOADED
L13   0 S L12 SSS SAM
L14   13 S L12 SSS FUL

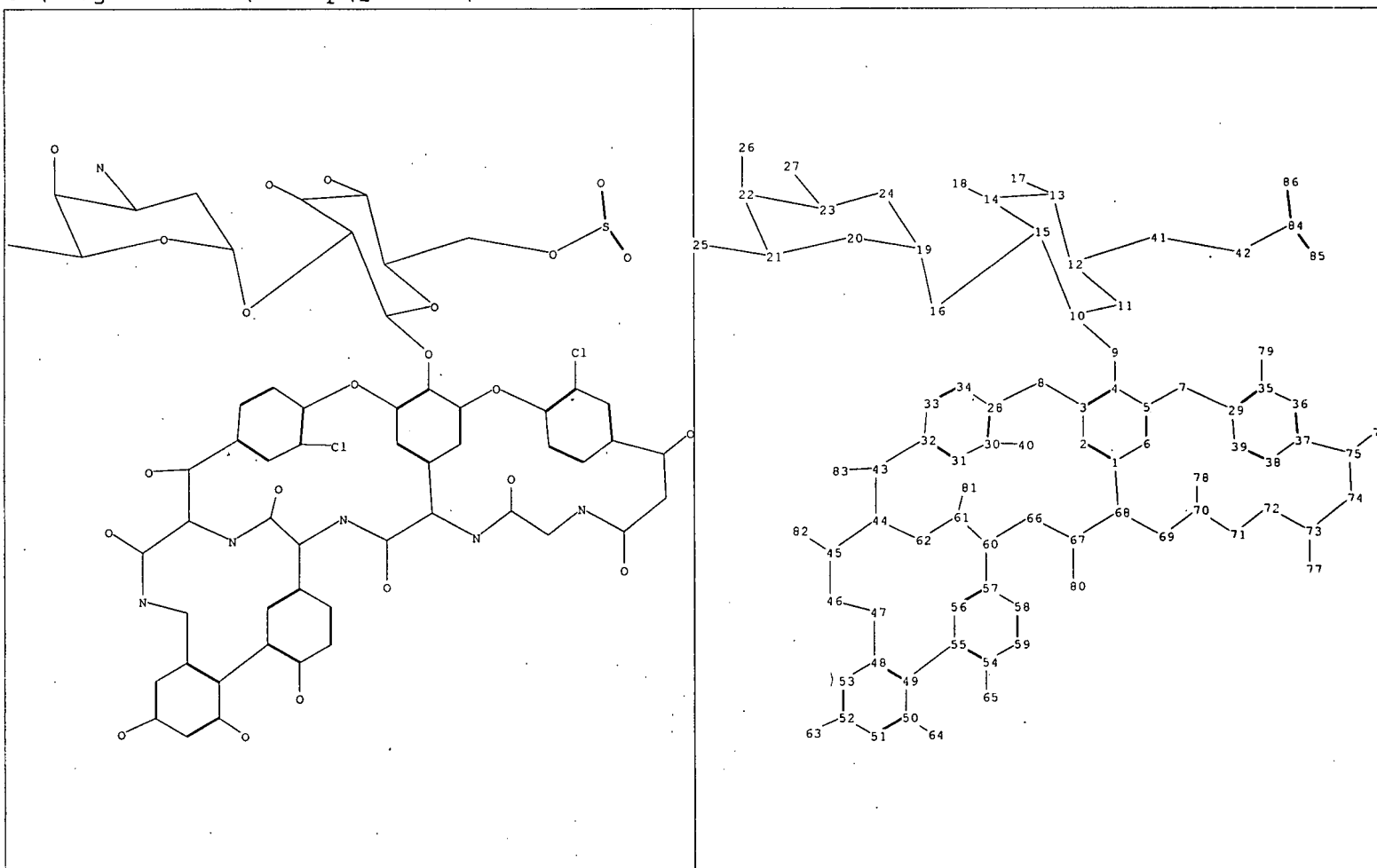   FILE 'CAPLUS' ENTERED AT 11:11:47 ON 30 AUG 2007
L15   3 S L14

        FILE 'USPATFULL' ENTERED AT 11:12:33 ON 30 AUG 2007
L16   5 S L14

=> log hold
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                       ENTRY   SESSION
FULL ESTIMATED COST   11.73   392.80

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)   SINCE FILE   TOTAL
                                                       ENTRY   SESSION
CA SUBSCRIBER PRICE   0.00   -7.45

 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:13:07 ON 30 AUG 2007

chain nodes :
      9   16   17   18   25   26   27   40   41   42   63   64   65   76   77   78   79   80   81   82   83   84
      85   86
ring nodes :
      1   2   3   4   5   6   7   8   10   11   12   13   14   15   19   20   21   22   23   24   28   29   30   31
      32   33   34   35   36   37   38   39   43   44   45   46   47   48   49   50   51   52   53   54   55   56
      57   58   59   60   61   62   66   67   68   69   70   71   72   73   74   75
chain bonds :
      4-9   9-10   12-41   13-17   14-18   15-16   16-19   21-25   22-26   23-27   30-40   35-79   41-42
      42-84   43-83   45-82   50-64   52-63   54-65   61-81   67-80   70-78   73-77   75-76   84-85
      84-86
ring bonds :
      1-2   1-6   1-68   2-3   3-4   3-8   4-5   5-6   5-7   7-29   8-28   10-11   10-15   11-12   12-13
      13-14   14-15   19-20   19-24   20-21   21-22   22-23   23-24   28-30   28-34   29-35   29-39
      30-31   31-32   32-33   32-43   33-34   35-36   36-37   37-38   37-75   38-39   43-44   44-45
      44-62   45-46   46-47   47-48   48-49   48-53   49-50   49-55   50-51   51-52   52-53   54-55
      54-59   55-56   56-57   57-58   57-60   58-59   60-61   60-66   61-62   66-67   67-68   68-69
      69-70   70-71   71-72   72-73   73-74   74-75
exact/norm bonds :
      1-68   3-8   4-9   5-7   7-29   8-28   9-10   10-11   10-15   11-12   12-13   13-14   13-17   14-15
      14-18   15-16   16-19   19-20   19-24   20-21   21-22   22-23   22-26   23-24   23-27   32-43
      37-75   41-42   42-84   43-44   43-83   44-45   44-62   45-46   45-82   46-47   47-48   49-55
      50-64   52-63   54-65   57-60   60-61   60-66   61-62   61-81   66-67   67-68   67-80   68-69
      69-70   70-71   70-78   71-72   72-73   73-74   73-77   74-75   75-76   84-85   84-86
exact bonds :
      12-41   21-25   30-40   35-79
normalized bonds :

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1-2    1-6    2-3    3-4    4-5    5-6    28-30   28-34   29-35   29-39   30-31   31-32   32-33   33-34
35-36   36-37   37-38   38-39   48-49   48-53   49-50   50-51   51-52   52-53   54-55   54-59
55-56   56-57   57-58   58-59
```

Match level :
```
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:CLASS   10:Atom
11:Atom   12:Atom   13:Atom   14:Atom   15:Atom   16:CLASS   17:CLASS   18:CLASS   19:Atom
20:Atom   21:Atom   22:Atom   23:Atom   24:Atom   25:CLASS   26:CLASS   27:CLASS   28:Atom
29:Atom   30:Atom   31:Atom   32:Atom   33:Atom   34:Atom   35:Atom   36:Atom   37:Atom   38:Atom
39:Atom   40:CLASS   41:CLASS   42:Atom   43:Atom   44:Atom   45:Atom   46:Atom   47:Atom
48:Atom   49:Atom   50:Atom   51:Atom   52:Atom   53:Atom   54:Atom   55:Atom   56:Atom   57:Atom
58:Atom   59:Atom   60:Atom   61:Atom   62:Atom   63:CLASS   64:CLASS   65:CLASS   66:Atom
67:Atom   68:Atom   69:Atom   70:Atom   71:Atom   72:Atom   73:Atom   74:Atom   75:Atom
76:CLASS   77:CLASS   78:CLASS   79:CLASS   80:CLASS   81:CLASS   82:CLASS   83:CLASS   84:CLASS
85:CLASS   86:CLASS
```